| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|--|---|---------------------|---------|------------------|
| [5] | 2 | "20010043659" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/04 13:26 |
| L2 | 3221 | 375/340 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/04 13:26 |
| L3 | 1495 | (feature and reference) .clm. | US-PGPUB | OR | OFF | 2006/01/04 13:27 |
| L4 | 3 | (feature and reference and distortion and histogram) .clm. | US-PGPUB | OR | OFF | 2006/01/04 13:28 |
| L5 | 678 | (feature and reference and distortion and histogram) | US-PGPUB | OR | OFF | 2006/01/04 13:28 |
| L6 | 1577 | (feature and reference and distortion and histogram) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/04 13:28 |
| L7 | 1180 | (feature and reference and distortion and histogram and predetermin\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/04 13:29 |
| L8 | 1 | (feature and reference and distortion and histogram and predetermin\$2) with (signal adj1 detect\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/04 13:29 |
| L9 | 171 | (feature and reference) with (signal adj1 detect\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/04 13:29 |
| L10 | 5 | (feature and reference and histogram) with (signal adj1 detect\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/04 13:29 |
| S1 | 3057 | 375/340 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/04 13:07 |

| S2 | 10973 | reference and input and histogram | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 09:32 |
|-----------|--------|--|---|------|-----|------------------|
| S3 | 0 | (reference and input) adj1 compar\$3 and histogram | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 09:32 |
| S4 | 13 | (reference and input) adj1 compar\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 09:33 |
| S5 | 3 | (reference and input) adj1 compar\$3 and vector\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 10:32 |
| S6 | 25595 | histogram | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR . | OFF | 2004/08/04 10:32 |
| S7 | 318 | histogram and (TV or television) adj1 signal\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 10:33 |
| S8 | 136 | histogram and (TV or television) adj1 signal\$1 and vector\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 10:34 |
| S9 | 282201 | histogram and (TV or television) adj1 signal\$1 and vector\$1 nad distortion | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 10:34 |
| S10 | 71 | histogram and (TV or television) adj1 signal\$1 and vector\$1 and distortion | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 10:35 |
| S11 | 68 | histogram and (TV or television) adj1 signal\$1 and vector\$1 and distortion and reference | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 10:36 |

| S12 | 0 | histogram and (TV or television) adj1 signal\$1 adj1 detect\$3 and vector\$1 and distortion and reference | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 10:37 |
|-----|--------|--|---|----|-----|------------------|
| S13 | 7 | histogram and (TV or television) adj1 signal\$1 adj1 detect\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 10:46 |
| S14 | 1 | histogram and (TV or television) adj1 signal\$1 adj1 compar\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 10:46 |
| S15 | 3 | histogram and (TV or television) adj1 signal\$1 adj1 compar\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 11:00 |
| S16 | 2281 | histogram and distortion | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 11:01 |
| S17 | 3 | histogram and distortion and (reference and input) adj1 compar\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 11:25 |
| S18 | 668 | (reference and input) adj1 compar\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 13:15 |
| S19 | 315125 | (reference and input) adj1 compar\$4 vector\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 13:15 |
| S20 | 43 | (reference and input) adj1 compar\$4 and vector\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 13:15 |
| S21 | 15 | (reference and input) adj1 compar\$4 and vector\$1 and (class\$2 or classification\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 13:19 |

| S22 | 429 | time-series adj1 signal\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 13:43 |
|-----|-------|---|---|----|-----|------------------|
| S23 | 41625 | (time-series or code\$2) adj1 signal\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 13:21 |
| S24 | 1 | (time-series and code\$2) adj1 signal\$1 and histogram | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 13:22 |
| S25 | 24 | (time-series and code\$2) adj1 signal\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 13:27 |
| S26 | 22 | (time-series and code\$2) adj1 signal\$1 and detect\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 13:43 |
| S27 | 1130 | (time-series and code\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 13:43 |
| S28 | 14 | time-series adj1 signal\$1 and histogram | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 15:02 |
| S29 | 41 | time-series adj1 signal\$1 and (TV or television) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 15:06 |
| S30 | 2 | (reference and input) adj1 time-series adj1 signal\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 15:08 |
| S31 | 206 | time-series adj1 signal\$1 and compar\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 15:08 |

| S32 | 0 | time-series adj1 signal\$1 and compar\$4 and vector41 and (class\$2 or classification\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 15:09 |
|-----|-------|--|---|----|-----|------------------|
| S33 | 13 | time-series adj1 signal\$1 and compar\$4 and vector\$1 and (class\$2 or classification\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 15:13 |
| S34 | 70408 | time-series adj1 signal\$1 and compar\$4 similarity | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 15:13 |
| S35 | 21 | time-series adj1 signal\$1 and compar\$4 and similarity | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 15:19 |
| S36 | 18 | time-series adj1 signal\$1 and compar\$4 and similarity and detect\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 15:19 |
| S37 | 0 | time-series adj1 signal\$1 and compar\$4 and patrial adj1 similarity | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/04 15:20 |
| S38 | 7 | "3065314" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/05 08:43 |
| S39 | 7212 | similar\$3 adj1 detect\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/05 08:43 |
| S40 | 6 | similar\$3 adj1 detect\$3 with histogram | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/05 08:55 |
| S41 | 20 | similar\$3 adj1 detect\$3 and time-series | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/05 08:55 |

| S42 | 3 | similar\$3 adj1 detect\$3 and time-series adj1 signal\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/20 09:24 |
|-----|-----|--|---|----|-----|------------------|
| S43 | 367 | (reference and input) with feature adj1 vector\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/16 13:22 |
| S44 | 102 | (reference and input) with feature adj1 vector\$1 and classification\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/16 13:23 |
| S45 | 1 | (reference and input) with feature adj1 vector\$1 and classification\$1 and add\$3 adj1 distortion | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/16 13:24 |
| S46 | 8 | (reference and input) with feature adj1 vector\$1 and classification\$1 and collat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/16 13:45 |
| S47 | 6 | (reference and input) with feature adj1 vector\$1 and classification\$1 and collat\$3 and (noise or distortion) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/17 14:17 |
| S48 | 4 | "6452977" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/17 12:38 |
| S49 | 3 | (reference and input) with feature adj1 vector\$1 and collat\$3 and (noise or distortion)adj1 add\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/17 15:21 |
| S50 | 167 | predetermined adj1 similarity | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/17 15:26 |
| S51 | 140 | predetermined adj1 similarity and compar\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/17 15:41 |

| S52 | 0 | histogram adj1 collat\$3 and predetermined adj1 similarity and compar\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/17 15:40 |
|-----|-------|---|---|----|-----|------------------|
| S53 | 0 | histogram and collat\$3 and predetermined adj1 similarity and compar\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/17 15:41 |
| S54 | 21 | predetermined adj1 similarity and compar\$5 and histogram | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/17 15:41 |
| S55 | 6 | histogram adj1 collat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/20 09:35 |
| S56 | 8 | "3065314" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/20 09:44 |
| S57 | 46474 | collat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/20 09:44 |
| S58 | 349 | histogram and collat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/20 09:44 |
| S59 | 28803 | histogram adh1 collat\$3 and similarity | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/20 09:45 |
| S60 | 3 | histogram adj1 collat\$3 and similarity | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/20 09:45 |
| S61 | 26094 | histogram -collat\$3 and similarity | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/20 09:45 |

| S62 | 78 | histogram and collat\$3 and similarity | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/20 09:46 |
|-----|------|--|---|----|-----|------------------|
| S63 | 2 | "20010043659" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/08 09:44 |
| S64 | 1 | "20010043659" and time-series | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/08 09:44 |
| S65 | 5322 | (feature adj1 vector\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:03 |
| S66 | 711 | (feature adj1 vector\$1) with reference | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:03 |
| S67 | 8 | (feature adj1 vector\$1) with reference with histogram | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:08 |
| S68 | 0 | ("2005/0084238").URPN. | USPAT | OR | OFF | 2005/08/12 15:06 |
| S69 | 2 | ("5828809" "5917990").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/12 15:07 |
| S70 | 7 | (feature adj1 vector\$1) with reference with histogram and (distortion or noise) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:10 |
| S71 | 1 | (feature adj1 vector\$1) with reference with histogram and ((distortion or noise) adj1 add\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:11 |
| S72 | 21 | (feature adj1 vector\$1) with reference and ((distortion or noise) adj1 add\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:41 |

| S73 | 121 | (feature adj1 distortion) | US-PGPUB; USPAT; | OR | OFF | 2005/08/12 15:45 |
|-----|------|--|---|------|-----|------------------|
| | | | EPO; JPO; DERWENT; IBM_TDB | | | |
| S74 | 12 | (feature adj1 distortion) with reference | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:42 |
| S75 | 1 | (feature adj1 distortion) with histogram | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:45 |
| S76 | 1 | (feature adj1 distortion) with collat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:45 |
| S77 | 1907 | modeling adj1 method | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/16 09:10 |
| S78 | 7026 | normal adj1 distribution | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR . | OFF | 2005/08/16 09:10 |
| S79 | 11 | (normal adj1 distribution) with time-series | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/16 09:11 |
| S80 | 11 | (normal adj1 distribution) with (time-series) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/16 09:14 |
| S81 | 5 | (probability adj1 distribution) with (time-series) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/16 09:16 |
| S82 | 8 | "3065314" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/16 09:16 |
| | | *************************************** | ····· | | | |

| S84 | 4 | (noice\$1 or interferece\$1) and (feature adj1 vector\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/16 09:22 |
|-----|------|--|---|----|-----|------------------|
| S85 | 4 | (noice\$1 or interferece\$1 or distortion41) and (feature adj1 vector\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/16 09:22 |
| S86 | 670 | (noice\$1 or interferece\$1 or distortion\$1) and (feature adj1 vector\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/16 09:23 |
| S87 | 170 | (noice\$1 or interferece\$1 or distortion\$1) and (feature adj1 vector\$1) and histogram | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/16 09:23 |
| S88 | 9 | (noice\$1 or interferece\$1 or distortion\$1) and (feature adj1 vector\$1) and histogram and (normal adj1 distribution) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/16 09:26 |
| S89 | 12 | (noice\$1 or interferece\$1 or distortion\$1) and (feature adj1 vector\$1) and histogram and (gaussian adj1 distribution) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/16 10:45 |
| S90 | 2 | "20020071507" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/16 10:45 |
| S91 | 2 | ("5828809" "5917990").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/17 10:03 |
| S92 | 0 | ("6826350").URPN. | USPAT | OR | OFF | 2005/08/17 10:04 |
| S93 | 97 | feature adj1 distortion\$1 | USPAT | OR | OFF | 2005/08/17 10:11 |
| S94 | 0 | (automatic adj1 record\$3) and (feature adj1 distortion\$1) | USPAT | OR | OFF | 2005/08/17 10:12 |
| S95 | 0 | (automatic\$4 adj1 record\$3) and (feature adj1 distortion\$1) | USPAT | OR | OFF | 2005/08/17 10:12 |
| S96 | 4784 | (automatic\$4 adj1 record\$3) | USPAT | OR | OFF | 2005/08/17 10:12 |
| S97 | 1291 | (automatic\$4 adj1 record\$3) and (distort\$3 or noise\$1 or interference\$1) | USPAT | OR | OFF | 2005/08/17 10:13 |

| S98 | 0 | (automatic\$4 adj1 record\$3) and (distort\$3 or noise\$1 or interference\$1) and hostogram | USPAT | OR | OFF | 2005/08/17 10:13 |
|----------|------|---|--------------------|----|-----|------------------|
| S99 | 43 | (automatic\$4 adj1 record\$3) and (distort\$3 or noise\$1 or interference\$1) and histogram | USPAT | OR | OFF | 2005/08/17 10:19 |
| S10 0 | 1 | search\$3 with (time-series adj1 signal\$1) | USPAT | OR | OFF | 2005/08/17 10:22 |
| S10 1 | 0 | tv with (time-series adj1 signal\$1) | USPAT | OR | OFF | 2005/08/17 10:23 |
| S10 2 | 0 | (automatic\$3 adj1 record\$3) with (time-series adj1 signal\$1) | USPAT | OR | OFF | 2005/08/17 10:23 |
| S10 3 | 167 | (time-series adj1 signal\$1) | USPAT | OR | OFF | 2005/08/17 10:23 |
| S10 4 | 8 | (time-series adj1 signal\$1) with (noise\$1 or distortion\$1 or interference\$1) | USPAT | OR | OFF | 2005/08/17 10:25 |
| S10 5 | 5165 | kunio.in. | USPAT | OR | OFF | 2005/08/17 10:25 |
| S10 6 | 7 | kunio.in. and murase.in. | USPAT | OR | OFF | 2005/08/17 10:26 |
| S10 7 | 0 | historam adj1 collat\$3 | USPAT | OR | OFF | 2005/08/17 10:26 |
| S10 8 | 1 | histogram adj1 collat\$3 | USPAT | OR | OFF | 2005/08/17 10:27 |
| S10 9 | 2 | histogram with reference with input with feature | USPAT | OR | OFF | 2005/08/17 13:24 |
| S11 0 | 28 | "5918223" | USPAT | OR | OFF | 2005/08/17 14:01 |
| S11 1 | 1 | "20030026353" | US-PGPUB; USPAT | OR | OFF | 2005/08/17 14:01 |